

PATENT APPLICATION  
Attorney Docket No. D/89194CCR

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being facsimile transmitted to the  
Patent and Trademark Office Fax. No. (703) 746-7239 on November 8, 2001.

Kathleen Schlitz  
Kathleen Schlitz

November 8, 2001  
Date

2876

T2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Dan S. Bloomberg et al.

Reissue Application No.: 09/884,759

Filing Date: June 18, 2001

For: SELF CLOCKING GLYPH CODES

Group No.: Not assigned

Examiner: Not assigned

Commissioner for Patents  
Washington, D.C. 20231

FAX COPY RECEIVED

NOV 8 2001

PETITION FOR EXTENSION OF TIME  
(FOR NOTICE OF MISSING PARTS)

TECHNOLOGY CENTER 2800

Sir:

It is respectfully requested that an extension of time under Rule 1.1.36(a), as specified below, be granted  
for responding to the Notice of Missing Parts due September 27, 2001.

- ☒ Two (2) months \$400.00
- ☒ This Petition accompanies the Submission of Missing Parts.
- ☒ Additional papers enclosed:

Petition Under 37 CFR 1.47(a) For The Acceptance of A Declaration Signed By Three  
Co-Inventors On Their Own Behalf And On Behalf of A Fourth Inventor Who Cannot Be  
Found.

Statement Of Facts In Support Of Filing On Behalf Of Non-Signing Inventor - 37 CFR  
1.47(A).

Request for Corrected Filing Receipt.

Please charge the fee for this extension of time, and any other fees which may be required under 37 CFR  
1.16, 1.17, 1.21, and 1.136(a) (but not 1.18), to Deposit Account No. 24-0025. (An additional copy of this  
sheet is enclosed.)

Respectfully requested,

By:

Jeannette M. Walder  
Jeannette M. Walder  
Registration No. 30,698  
Attorney for Applicants  
(310) 333-3660

El Segundo, California  
Date: November 8, 2001

02/25/2002 SSANDARA 00000016 240025 09884759

01 FC:116 400.00 CH

COPY OF PAPERS  
ORIGINALLY FILEDPATENT APPLICATION  
Attorney Docket No. D/89194CCRCERTIFICATE OF TRANSMISSION

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Kathleen Schirtz  
Kathleen Schirtz

November 8, 2001  
Date

**Official**  
**FAX RECEIVED**  
NOV 08 2001  
GROUP 3600

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: Dan S. Bloomberg et al.

Reissue Application No.: 09/884,759

Filing Date: June 18, 2001

For: SELF CLOCKING GLYPH CODES

Group No.: Not assigned

Examiner: Not assigned

Commissioner for Patents  
Washington, D.C. 20231

**SUBMISSION OF MISSING PARTS OF REISSUE APPLICATION**

Sir:

In response to the "Notice to File Missing Parts of Reissue Application - Filing Date Granted" mailed 07/27/2001 (Part 2 of which is submitted herewith), attached is Petition Under 37 CFR 1.47(a) For The Acceptance of A Declaration Signed By Three Co-Inventors On Their Own Behalf And On Behalf of A Fourth Inventor Who Cannot Be Found for the above-identified application.

Authorization is also given for charging to Xerox Corporation Deposit Account No. 24-0025 in the amount of \$130.00 for the surcharge. (An additional copy of this sheet is enclosed.)

Respectfully submitted,

By: Jeannette M. Walder  
Jeannette M. Walder  
Registration No. 30,698  
Attorney for Applicants  
(310) 333-3660

El Segundo, California  
Date: November 8, 2001

DLW/JMW



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
WWW.USPTO.GOV

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/884,759	06/18/2001	Dan S. Bloomberg	D/89194R

Xerox Corp  
Xerox Square  
20A  
Rochester, NY 14644

RECEIVED

JUL 3 0 2001

PATENT DEPARTMENT

CONFIRMATION NO. 2840

FORMALITIES LETTER



\*OC000000008352421\*

Date Mailed: 07/27/2001

## NOTICE TO FILE MISSING PARTS OF REISSUE APPLICATION

*Filing Date Granted*

An application number and filing date have been accorded to this reissue application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The signature of the following inventor(s) is missing from the oath or declaration:  
**DAVID L. HECHT:ROBERT E. TOW:PRASADAM FLORES**
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

PATENT APPLICATION  
Attorney Docket No. D/89194CCRCERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office Fax. No. (703) 746-7239 on November 8, 2001.

*Kathleen Schirtz*  
Kathleen Schirtz

*November 8, 2001*  
Date

COPY OF PAPERS  
ORIGINALLY FILED

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Dan S. Bloomberg et al. )

Group No.: Not assigned

Reissue Application No.: 09/884,759 )

Filing Date: June 18, 2001 )

Examiner: Not assigned

Issued: June 20, 2000 )

For: SELF CLOCKING GLYPH CODES )

Commissioner for Patents  
Washington, D.C. 20231

**PETITION UNDER 37 CFR 1.47(a) FOR THE ACCEPTANCE OF**  
**A DECLARATION SIGNED BY THREE CO-INVENTORS**  
**ON THEIR OWN BEHALF AND ON BEHALF OF A**  
**FOURTH INVENTOR WHO CANNOT BE FOUND**

Sir:

The United States Patent and Trademark Office is hereby petitioned under 37 C.F.R. §1.47(a) to accept the enclosed Declaration. The Declaration is signed by co-inventors Dan S. Bloomberg, David L. Hecht and L. Prasadam Flores on behalf of themselves and the fourth co-inventor, Robert E. Tow, who cannot be found.

As stated in MPEP section 409.3(a):

oath or declaration signed by all the available joint inventors with the signature block of the non-signing inventor(s) left blank may be treated as having been signed by

Application No. 09/884,759

all the available joint inventors on behalf of the non-signing inventor(s), unless otherwise indicated.


The enclosed Declaration should be considered as signed by all available co-inventors on behalf of the non-signing inventor since it includes the signatures of all available joint inventors and a blank signature block for the non-signing inventor and there is no indication otherwise.

The last known direct mailing address of the non-signing inventor is: 951 Maddux, Palo Alto, California 94303.

Accompanying this Petition is a declaration by Jeannette M. Walder, a patent attorney and employee of the assignee Xerox Corporation setting forth that the non-signing inventor could not be found or reached after diligent effort.

The Commissioner is hereby authorized to charge the petition fee of \$130.00 set forth in 37 C.F.R. §1.17(h) and any additional fees which may be required in this application under 37 C.F.R. §§1.16 and 1.17 or credit any overpayment, to Deposit Account No. 24-0025. A duplicate copy of this Petition is enclosed.

Respectfully submitted,

By:   
Jeannette M. Walder  
Registration No. 30,698  
Attorney for Applicants  
(310) 333-3660

El Segundo, California  
Date: November 8, 2001

**REISSUE APPLICATION DECLARATION BY THE INVENTOR**Attorney Docket Number:  
D/89194CCR

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed in U.S. Patent Number 6,076,738, granted 06/20/2000, and for which a reissue patent is sought on the invention entitled SELF-CLOCKING GLYPH SHAPE CODES, the specification of which

was filed on June 18, 2001 as a reissue application number 09/884,759.

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

- ☐ by reason of a defective specification or drawing.
- ☒ by reason of the patentee claiming more or less than he/she had the right to claim in the patent.
- ☐ by reason of other errors.

At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening:

Original patent claims 1-8 are unduly limited because the invention is not limited to a method of storing digital values of predetermined bit length,  $n$ , in a machine readable format on a hardcopy medium, comprising the step of encoding each of said digital values in a corresponding one of  $2^n$  rotationally variant glyph shapes as set forth in patent claims 1-3.

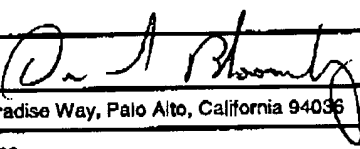
Original claims 1-8 are also unduly limited because the invention is not limited to a method of storing digital values of a predetermined bit length,  $n$ , in a machine readable format on a hardcopy medium, comprising the step of encoding each of said digital values in a corresponding one of  $2^n$  rotationally invariant glyph shapes as set forth in patent claims 4-8.

Therefore, original patent claims 1-8 fail to claim the entire scope of the invention.

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.

Name(s)	Registration Number
Mark Costello	31,342
Don L. Webber	34,275
Jeannette M. Walder	30,698

REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2					Attorney Docket Number: D/89194CCR	
Correspondence Address: Direct all communications about the application to:						
<input checked="" type="checkbox"/> Firm or Individual Name	Patent Documentation Center					
Address	Xerox Corporation					
Address	100 Clinton Avenue South, Xerox Square 20th Floor					
City	Rochester	State	NY	ZIP	14644	
Country	U.S.A.					
Telephone	(716) 423-5050		Fax	(716) 423-6059		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.						
Full name of sole or first inventor (given name, family name) Dan S. Bloomberg						
Inventor's signature: 						
Residence: 1013 Paradise Way, Palo Alto, California 94036				Date: 10 October 2001		
Mailing Address: same				Citizenship: U.S.A.		
Full name of second joint inventor (given name, family name) David L. Hecht						
Inventor's signature:						
Residence: 2001 Barbara Drive, Palo Alto, California 94303				Date:		
Mailing Address: same				Citizenship: U.S.A.		
Full name of third joint inventor (given name, family name) Robert F. Tow						
Inventor's signature:						
Residence: 951 Maddux, Palo Alto, California 94303				Date:		
Mailing Address: same				Citizenship: U.S.A.		
Full name of fourth joint inventor (given name, family name) L. Prasad Flores						
Inventor's signature:						
Residence: 17907 Skyline Boulevard, Woodside, California 94062				Date:		
Mailing Address: same				Citizenship: U.S.A.		

**ADDED PAGE TO COMBINED REISSUE APPLICATION DECLARATION  
AND POWER OF ATTORNEY FOR SIGNATURE BY JOINT INVENTORS  
ON BEHALF OF NON-SIGNING INVENTOR WHO CANNOT BE  
REACHED (37 CFR 1.47(a))**Attorney Docket Number:  
D/89194CCR

I am an above named joint inventor and have signed this declaration on my own behalf and also sign this declaration under 37 CFR 1.47(a) on behalf of the nonsigning joint inventor, particulars for whom are:

Full name of non-signing inventor: ROBERT F. TOW  
who cannot be found or reached.

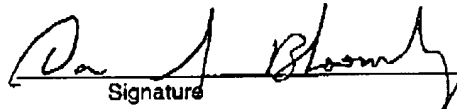
Country of Citizenship of non-signing inventor: U.S.A.  
Last Know Address of non-signing inventor: 951 Maddux, Palo Alto, California 94303

Accompanying this declaration are:

A statement of facts in support of filing on behalf of non-signing inventor; and

The petition fee of \$130.00 (37 CFR 1.17(i))

DAN S. BLOOMBERG

  
Signature

DAVID L. HECHT

\_\_\_\_\_  
Signature

L. PRASADAM FLORES

\_\_\_\_\_  
Signature



**REISSUE APPLICATION DECLARATION BY THE INVENTOR**Attorney Docket Number:  
D/89194CCR

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed in U.S. Patent Number 6,076,738, granted 06/20/2000, and for which a reissue patent is sought on the invention entitled SELF-CLOCKING GLYPH SHAPE CODES, the specification of which

was filed on June 18, 2001 as a reissue application number 09/884,759.

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

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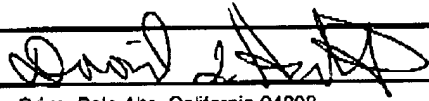
Original claims 1-8 are also unduly limited because the invention is not limited to a method of storing digital values of a predetermined bit length,  $n$ , in a machine readable format on a hardcopy medium, comprising the step of encoding each of said digital values in a corresponding one of  $2^n$  rotationally invariant glyph shapes as set forth in patent claims 4-8.

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As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.

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Mark Costello	31,342
Don L. Webber	34,275
Jeannette M. Walder	30,698

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<input checked="" type="checkbox"/> Firm or Individual Name	Patent Documentation Center					
Address	Xerox Corporation					
Address	100 Clinton Avenue South, Xerox Square 20th Floor					
City	Rochester	State	NY	ZIP	14644	
Country	U.S.A.					
Telephone	(716) 423-5050	Fax	(716) 423-6059			
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.						
Full name of sole or first inventor (given name, family name) Dan S. Bloomberg						
Inventor's signature:						
Residence: 1013 Paradise Way, Palo Alto, California 94036				Date:		
Mailing Address: same				Citizenship: U.S.A.		
Full name of second joint inventor (given name, family name) David L. Hecht						
Inventor's signature: 						
Residence: 2001 Barbara Drive, Palo Alto, California 94303				Date: 8/2/2001		
Mailing Address: same				Citizenship: U.S.A.		
Full name of third joint inventor (given name, family name) Robert F. Tow						
Inventor's signature:						
Residence: 951 Maddux, Palo Alto, California 94303				Date:		
Mailing Address: same				Citizenship: U.S.A.		
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Inventor's signature:						
Residence: 17907 Skyline Boulevard, Woodside, California 94062				Date:		
Mailing Address: same				Citizenship: U.S.A.		

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ON BEHALF OF NON-SIGNING INVENTOR WHO CANNOT BE  
REACHED (37 CFR 1.47(a))**Attorney Docket Number:  
D/89194CCR

I am an above named joint inventor and have signed this declaration on my own behalf and also sign this declaration under 37 CFR 1.47(a) on behalf of the nonsigning joint inventor, particulars for whom are:

Full name of non-signing inventor: ROBERT F. TOW  
who cannot be found or reached.

Country of Citizenship of non-signing inventor: U.S.A.  
Last Know Address of non-signing inventor: 951 Maddux, Palo Alto, California 94303

Accompanying this declaration are:


A statement of facts in support of filing on behalf of non-signing inventor; and

The petition fee of \$130.00 (37 CFR 1.17(i))

DAN S. BLOOMBERG

\_\_\_\_\_  
Signature

DAVID L. HECHT

  
\_\_\_\_\_  
Signature

L. PRASADAM FLORES

\_\_\_\_\_  
Signature

**REISSUE APPLICATION DECLARATION BY THE INVENTOR**Attorney Docket Number:  
D/89194CCR

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As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.

Name(s)	Registration Number
Mark Costello	31,342
Don L. Webber	34,275
Jeannette M. Walder	30,698

<b>REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2</b>					Attorney Docket Number: D/89194CCR	
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<input checked="" type="checkbox"/> Firm or Individual Name	Patent Documentation Center					
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City	Rochester	State	NY	ZIP	14644	
Country	U.S.A.					
Telephone	(716) 423-5050	Fax	(716) 423-6059			
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.</p>						
Full name of sole or first inventor (given name, family name)						
Dan S. Bloomberg						
Inventor's signature:						
Residence: 1013 Paradise Way, Palo Alto, California 94036					Date:	
Mailing Address: same					Citizenship: U.S.A.	
Full name of second joint inventor (given name, family name)						
David L. Hecht						
Inventor's signature:						
Residence: 2001 Barbara Drive, Palo Alto, California 94303					Date:	
Mailing Address: same					Citizenship: U.S.A.	
Full name of third joint inventor (given name, family name)						
Robert F. Tow						
Inventor's signature:						
Residence: 951 Maddux, Palo Alto, California 94303					Date:	
Mailing Address: same					Citizenship: U.S.A.	
Full name of fourth joint inventor (given name, family name)						
L. Prasadam Flores						
Inventor's signature: <i>L. Prasadam Flores</i>						
Residence: 17907 Skyline Boulevard, Woodside, California 94062					Date:	
Mailing Address: same					Citizenship: U.S.A.	

**ADDED PAGE TO COMBINED REISSUE APPLICATION DECLARATION  
AND POWER OF ATTORNEY FOR SIGNATURE BY JOINT INVENTORS  
ON BEHALF OF NON-SIGNING INVENTOR WHO CANNOT BE  
REACHED (37 CFR 1.47(a))**Attorney Docket Number:  
D/89194CCR

I am an above named joint inventor and have signed this declaration on my own behalf and also sign this declaration under 37 CFR 1.47(a) on behalf of the nonsigning joint inventor, particulars for whom are:

Full name of non-signing inventor: ROBERT F. TOW  
who cannot be found or reached.

Country of Citizenship of non-signing inventor: U.S.A.  
Last Know Address of non-signing inventor: 951 Maddux, Palo Alto, California 94303

Accompanying this declaration are:

A statement of facts in support of filing on behalf of non-signing inventor; and

The petition fee of \$130.00 (37 CFR 1.17(i))

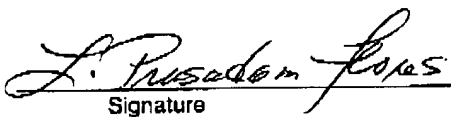
DAN S. BLOOMBERG

\_\_\_\_\_  
Signature

DAVID L. HECHT

\_\_\_\_\_  
Signature

L. PRASADAM FLORES

  
Signature

PATENT APPLICATION  
Attorney Docket No. D/89194CCR

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*Kathleen Schirtz*  
Kathleen Schirtz

*November 8, 2001*  
Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Dan S. Bloomberg et al. )

Group No.: Not assigned

Reissue Application No.: 09/884,759 )

Examiner: Not assigned

Filing Date: June 18, 2001 )

For: SELF CLOCKING GLYPH CODES )

RECEIVED

SEP 24 2002

Commissioner for Patents  
Washington, D.C. 20231

OFFICE OF PETITIONS

STATEMENT OF FACTS IN SUPPORT OF FILING ON BEHALF  
OF NON-SIGNING INVENTOR - 37 CFR 1.47(a)

Sir:

The undersigned, Jeannette M. Walder, hereby declare that:

1. I am a registered patent attorney (registration number 30,698) and am a representative of Xerox Corporation, the assignee of the entire right and interest in and to the above application.
2. Robert F. Tow, the fourth inventor in the above application, was an employee of Xerox at the time the invention was made. Mr. Tow left Xerox in April, 1991. When Mr. Tow left Xerox, the last known forwarding address he gave Xerox was: 951 Maddux, Palo Alto,

Application No. 09/884,759

California 94303. I attempted to locate Mr. Tow, but have been unable to reach him and obtain his signature on the declaration for the reissue application.

3. I took the following steps to locate Mr. Tow:

A. On June 11, 2001, I sent a letter (registered, return receipt requested) to Mr. Tow at the last know address (copy attached), advising Mr. Tow that Xerox intended to file a reissue application based on the above patent. The letter was returned by the US Postal Service as unclaimed.

B. I was informed that Mr. Tow had at one time been reachable on the following email addresses: tauzero@well.com and tow@interval.com. On September 18, 2001, I sent an email request to Mr. Tow at both email addresses, both of which emails were returned as undeliverable (copies enclosed).

C. On September 18, 2001, I did a reverse directory search on smartpages.com for the address 951 Maddux, Palo Alto, California. The search results indicated that John Nichols and Tine Nichols lived at that address (copy enclosed).

D. On September 19, 2001, I sent a letter to the Postmaster, US Postal Service, Palo Alto, California 94303 requesting address forwarding information for Mr. Tow. When I previously called the US Postal Service (at 800 275-8777), I was informed that forwarding address information could not be given out. I have received no response to my letter as of the date of this Statement.

E. On September 19, 2001, I sent a letter (certified, return receipt requested) to Mr. Tow at the last know address enclosing a copy of the reissue application as filed

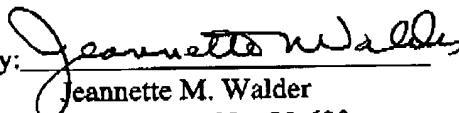


Application No. 09/884,759

and a declaration, and requesting his signature on the declaration. This letter was returned by the US Postal Service as unclaimed.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Respectfully submitted,

By:   
Jeannette M. Walder  
Registration No. 30,698  
Attorney for Applicants  
(310) 333-3660

El Segundo, California  
Date: November 8, 2001

Enclosures:

June 11, 2001 letter to Mr. Tow  
Email to tauzero@well.com and response  
Email to tow@interval.com and response  
Smartpages.com search result  
September 19, 2001 letter to Postmaster, Palo Alto  
September 19, 2001 letter to Mr. Tow

THE DOCUMENT COMPANY  
XEROX

Jeannette M. Walder  
Patent Attorney  
Office of General Counsel

Return Receipt Requested

June 11, 2001

Mr. Robert F. Tow  
951 Maddux  
Palo Alto, California 94303

Re: US Patent No. 6,076,738  
Self-Clocking Glyph Shape Codes

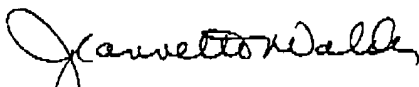
Dear Rob:

We have decided to file a broadening reissue application of the above issued US patent. We believe we have arguments that would enable us to submit broader claims. According to US patent law, in order to file a reissue application, there must be some error. The error we are alleging is that we failed to claim the invention as broadly as possible.

We will be leaving the existing claims intact and submitting new claims. Enclosed is a set of new claims which we will submit. The deadline for submitting the reissue application is June 20, 2001. Please let me have any comments you may have before then. I would like to have your signatures on the reissue declaration prior to filing; however, I can file the application without signatures.

I look forward to hearing from you. Please call me at 310 333-3660.

Sincerely,

  
Jeannette M. Walder

enc.

c: T. Webster

Xerox Corporation  
Xerox Centre, ESC1-275  
1990 Xerox Centre Drive  
El Segundo, California 90245  
Telephone: 310 333 3660  
Facsimile: 310 333 6446



IE DOCUMENT COMPANY

XEROX

isnette loader ESCI-215

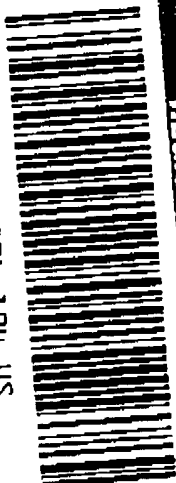
x Corporation  
South Aviation Blvd.  
gundo, California 90245

Address Correction Requested

NOV 08 2001

or 7/2/01

United States Postal Service  
REGISTERED MAIL



RR 016 876 104 US

Label 200, July 1999

(102595) 99-M-1904

RETURN RECEIPT  
REQUESTED

My name  
Is  
2nd address  
Return

M.  
951.  
Palo A

UNCLAIMED  
194303

REGISTERED

6-15  
6/22/01  
7/2/01

R5

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return the card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- ☐ Addressee's Address
- ☐ Restricted Delivery

Consolidate postmaster for fee.

4a. Article Number  
*RR 016876104 US*

4b. Service Type  
☒ Registered  
☐ Express Mail  
☐ Return Receipt for Merchandise  
☐ COD  
☐ Certified  
☐ Insured  
☐ COD

5. Received By: (Print Name)  
*Robert J. Low*

6. Signature: (Addressee or Agent)  
*PS: modburn*  
*Palo Alto, Ca*  
*94303*

7. Date of Delivery

8. Addressee's Address (Only if requested and fee is paid)

Thank you for using Return Receipt Service.

Domestic Return Receipt

PS Form 3811, December 1994

**Walder, Jeannette**

---

**From:** Walder, Jeannette  
**Sent:** Tuesday, September 18, 2001 8:51 AM  
**To:** 'tauzero@well.com'; 'tow@interval.com'  
**Cc:** Walder, Jeannette  
**Subject:** Attention: Robert F. Tow

RE: US Patent 6,076,738

Dear Mr. Tow:  
I am an attorney with Xerox Corporation. I would like to speak with you about this patent, of which you are a named inventor. Please contact me via email or at 310 333-3660.  
I look forward to speaking with you at your earliest convenience.  
Very truly yours,  
Jeannette Walder

## Walder, Jeannette

---

**From:** System Administrator [postmaster@interval.com]  
**Sent:** Tuesday, September 18, 2001 8:44 AM  
**To:** Jeannette.Walder@usa.xerox.com  
**Subject:** Undeliverable: Attention: Robert F. Tow



Attention: Robert F.  
Tow

### Your message

**To:** 'tauzero@well.com'; 'tow@interval.com'  
**Cc:** Walder, Jeannette  
**Subject:** Attention: Robert F. Tow  
**Sent:** Tue, 18 Sep 2001 08:50:30 -0700

did not reach the following recipient(s):

'tow@interval.com' on Tue, 18 Sep 2001 08:44:04 -0700

The recipient name is not recognized

The MTS-ID of the original message is: c=us;a=

;p=interval;l=HARP0109181544R5KJAX4F

MSEXCH:IMS:interval:exchange:HARP 0 (000C05A6) Unknown Recipient

## Walder, Jeannette

---

**From:** Mail Delivery Subsystem [MAILER-DAEMON@eastgw.xerox.com]  
**Sent:** Tuesday, September 18, 2001 8:53 AM  
**To:** Jeannette.Walder@usa.xerox.com  
**Subject:** Returned mail: Service unavailable



ATT002316.TXT



Attention: Robert F.

Tow

The original message was received at Tue, 18 Sep 2001 11:53:23 -0400 (EDT)  
from mswitch1.cinops.xerox.com [13.250.20.171]

----- The following addresses had permanent fatal errors -----  
<tauzero@well.com>

----- Transcript of session follows -----

... while talking to smtp.well.com.:

>>> RCPT To:<tauzero@well.com> NOTIFY=FAILURE,DELAY ORCPT=rfc822;tauzero@well.com

<<< 511 <tauzero@well.com>... User unknown

554 <tauzero@well.com>... Service unavailable

APR as low as

2.99%

Intro

9.99%

Traveling


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☐ Business Type ☐ Name  City, Zip or Area Code  State   
 Find  in  Select

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## Listings

Searching for 951 Maddux Dr, Alh, CA US

Related Links

Click a name for phone number, full address, map, directions and more!

Listings marked with an asterisk (\*) are registered

[previous] Results 1 - 2 of 2 [next]

**Nichols, John**

951 Maddux Dr

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[Find John Nichols at ClassMates.com](#)

[update/remove](#)



**Nichols, Tine**

951 Maddux Dr

BUY LONG DISTANCE PURCHASE WIRELESS

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[update/remove](#)

[previous] Results 1 - 2 of 2 [next]

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- ▶ [Search for public records on US SEARCH.com](#)
- ▶ [Find Tine Nichols at ClassMates.com](#)
- ▶ [Find Love & Romance!](#)

Reverse Address (U.S. residences)

House Number:

Example: 123. Leave blank to find all residents of the street

Street Name:



Example: N 4th St  
Use standard postal abbreviations without periods:  
St, Rd, Ln, S, NW, etc.

City:

State:  ▼

data by **ACTION**

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THE DOCUMENT COMPANY  
XEROX

Jeannette M. Walder  
Patent Attorney  
Office of General Counsel

September 19, 2001

Postmaster  
US Postal Service  
Palo Alto, California 94303

Re: US Patent 6,076,738  
Self-Clocking Glyph Shape Codes  
Reissue Application No. 09/884,759  
Filed June 18, 2001

Dear Sir:

I am writing on behalf of Xerox Corporation to request address forwarding information, if available, for

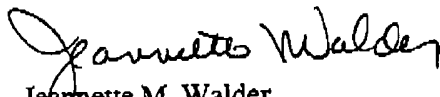
Robert F. Tow  
951 Maddux  
Palo Alto, California 94303

Mr. Tow is one of four named inventors of the above identified US Patent 6,076,738, which is owned by Xerox. Mr. Tow contributed to the invention covered by this patent when he was an employee of Xerox. A copy of the first page of US Patent 6,076,738 is enclosed.

Mr. Tow is no longer an employee of Xerox and Xerox needs to contact him regarding US Patent 6,076,738. The last known address we have for Mr. Tow is the address given above.


If you have any questions, or if there is a fee for this service, please contact the undersigned. I look forward to hearing from you at your earliest convenience.

Very truly yours,

  
Jeannette M. Walder

enc.

Xerox Corporation  
Xerox Centre, ESC1-275  
1990 Xerox Centre Drive  
El Segundo, California 90245  
Telephone: 310 333 3660  
Facsimile: 310 333 6446

  
THE  
DOCUMENT  
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Member of the Xerox Group

US006076738A

# United States Patent [19]

## Bloomberg et al.

[11] Patent Number: 6,076,738  
 [45] Date of Patent: Jun. 20, 2000

- [54] SELF-CLOCKING GLYPH SHAPE CODES
- [75] Inventors: Dan S. Bloomberg; David L. Hecht;  
 Robert F. Tow, all of Palo Alto; L.  
 Prasadam Flores, Santa Cruz, all of  
 Calif.
- [73] Assignee: Xerox Corporation, Stamford, Conn.
- [21] Appl. No.: 08/240,798
- [22] Filed: May 10, 1994

### Related U.S. Application Data

- [63] Continuation of application No. 07/931,554, Aug. 18, 1992,  
 abandoned, which is a continuation of application No.  
 07/560,514, Jul. 31, 1990, abandoned.
- [51] Int. Cl.<sup>7</sup> ..... G06K 19/06
- [52] U.S. Cl. .... 235/494; 235/456
- [58] Field of Search ..... 235/456, 494;  
 382/9, 30, 40

### [56] References Cited

#### U.S. PATENT DOCUMENTS

3,257,545	6/1966	Vaa Berkel et al.	235/494
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5,073,954	12/1991	Van Tyne et al.	235/494
5,091,966	2/1992	Bloomberg et al.	235/494

### FOREIGN PATENT DOCUMENTS

8600445	1/1986	European Pat. Off.
2179008	2/1987	European Pat. Off.
62-140554	of 1987	Japan

### OTHER PUBLICATIONS

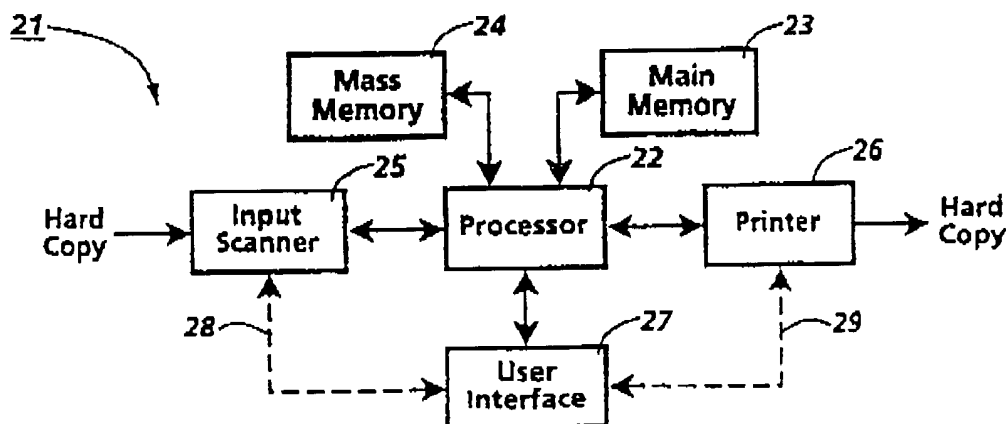
Mansour, M. Multi-Tiered Condensed Bar Code. IBM Technical Disclosure Bulletin, vol. 26, No. 2, Jul. 1983, pp. 766-767.

Primary Examiner—Harold I. Pitts

### [57] ABSTRACT

This invention provides self-clocking glyph shape codes for encoding digital data in the shapes of glyphs that are suitable for printing on hardcopy recording media. Advantageously, the glyphs are selected so that they tend not to degrade into each other when they are degraded and/or distorted as a result, for example, of being photocopied, transmitted via facsimile, and/or scanned-in to an electronic document processing system. Moreover, for at least some applications, the glyphs desirably are composed of printed pixel patterns containing nearly the same number of ON pixels and nearly the same number of OFF pixels, such that the code that is rendered by printing such glyphs on substantially uniformly spaced centers appears to have a generally uniform texture. In the case of codes printed at higher spatial densities, this texture is likely to be perceived as a generally uniform gray tone. Binary image processing and convolution filtering techniques for decoding such codes also are disclosed, but this application focuses on the codes.

8 Claims, 16 Drawing Sheets



# THE DOCUMENT COMPANY

## XEROX

Jeannette M. Walder  
Patent Attorney  
Office of General Counsel

Return Receipt Requested

September 19, 2001

Mr. Robert F. Tow  
951 Maddux  
Palo Alto, California 94303

FAX COPY RECEIVED  
NOV 8 2001  
TECHNOLOGY CENTER 2800

Re: US Patent No. 6,076,738  
Self-Clocking Glyph Shape Codes  
Reissue Application No. 09/884,759 filed June 18, 2001

Dear Rob:

Further to my letter of June 11, 2001 (copy enclosed), we filed a reissue application based on US Patent 6,076,738. Enclosed is a copy of the reissue application as filed, as well as a declaration for you to sign. Please complete the address and citizenship portion of the declaration and mail the signed declaration to me at the above address. If you have any questions, please call me at 310 333-3660.

I look forward to hearing from you.

Sincerely,

*Jeannette M. Walder*  
Jeannette M. Walder

enc.

Xerox Corporation  
Xerox Centre, ESC1-273  
1990 Xerox Centre Drive  
El Segundo, California 90245  
Telephone: 310 333 3660  
Facsimile: 310 333 6446



THE  
DOCUMENT  
COMPANY  
XEROX  
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U.S. Postal Service CERTIFIED MAIL RECEIPT (Domestic Mail Only; No Insurance Coverage Provided)	
OFFICIAL USE	
Postage	\$ 13.50
Certified Fee	\$ 2.10
Return Receipt Fee (Endorsement Required)	\$ 1.50
Restricted Delivery Fee (Endorsement Required)	\$ 0.00
Total Postage & Fees	\$ 17.10
Sent To: Robert F. Tow	
Street, Apt. No., or PO Box No. 951 Maddux	
City, State, ZIP+4 Palo Alto CA 94303	
PS Form 3800, January 2001 See Reverse for Instructions	

4446 RECEIVED 11/19/2001 10:07



DOCUMENT COMPANY

XEROX

Jette M. Walder BSCI-275

Corporation  
14 Aviation Boulevard  
Alh, California 90245

Forward Address Correction Requested

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Robert F. Tow  
951 Broadway  
Palmdale, CA  
94303

2. Article Number  
(Transfer from:)

7001 1140 0003 1336 9474

PS Form 3811, August 2001

Domestic Return Receipt

102565-01-M-2509

## COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes  
If YES, enter delivery address below: ☐ No

3. Service Type

☒ Certified Mail☐ Express Mail☐ Registered☐ Return Receipt for Merchandise☐ Insured Mail☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

UNCLAIMED

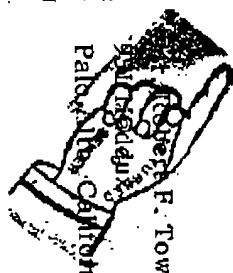
1/10x  
5-25  
10-601  
10-1301

7001 1140 0003 1336 9474



CERTIFIED MAIL

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS. FOLD AT DOTTED LINE.



Palmdale, California 94303



0000

94303



\$7.10

U.S. POSTAGE  
PAID  
EL SEGUNDO, CA  
SEP 19, 01  
RM0001

PATENT APPLICATION  
Attorney Docket No. D/89194CCR

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being facsimile transmitted to the  
Patent and Trademark Office Fax. No. (703) 746-7239 on November 8, 2001.

Kathleen Schirtz  
Kathleen Schirtz

November 8, 2001  
Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Dan S. Bloomberg et al.

Reissue Application No.: 09/884,759

Filing Date: June 18, 2001

For: SELF CLOCKING GLYPH CODES

Group No.: Not assigned

Examiner: Not assigned

Office of Initial Patent Examination's  
Customer Correction Center  
Commissioner for Patents  
Washington, D.C. 20231

REQUEST FOR CORRECTED FILING RECEIPT

Sir:

Attached is a copy of the official filing receipt received from the Patent and Trademark Office in the above application for which issuance of a corrected filing receipt is respectfully requested.

There is an error with respect to the following data, which is incorrectly entered.

**Error In**

☒ Attorney Docket No.

**Correct Data**

89194CCR

As the Patent and Trademark Office made the error(s), we believe no fee is due. Should any fees be required, please charge Deposit Account No. 24-0025.

Respectfully requested,

By: Jeannette M. Walder  
Jeannette M. Walder  
Registration No. 30,698  
Attorney for Applicants  
(310) 333-3660

El Segundo, California  
Date: November 8, 2001



UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

JUL 30 2001

 PATENT DEPARTMENT  
 UNITED STATES PATENT AND TRADEMARK OFFICE  
 WASHINGTON, D.C. 20231  
 www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/884,759	06/18/2001	2876	1094	D/89194R	16	28	5

D/89194CCR

CONFIRMATION NO. 2840

## FILING RECEIPT



\*OC000000006352420\*

Xerox Corp  
 Xerox Square  
 20A  
 Rochester, NY 14644

Date Mailed: 07/27/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Dan S. Bloomberg, Palo Alto, CA;

## Domestic Priority data as claimed by applicant

THIS APPLICATION IS A REI OF 08/240,798 05/10/1994 PAT 6,076,738  
 WHICH IS A CON OF 07/931,554 08/18/1992 ABN  
 WHICH IS A CON OF 07/560,514 07/31/1990 ABN

## Foreign Applications

If Required, Foreign Filing License Granted 07/24/2001

Projected Publication Date: N/A

Non-Publication Request: No

Early Publication Request: No

## Title

Self-clocking glyph shape codes

## Preliminary Class

235

Nov-08-2001 03:28pm From-XEROX

+3103336446

T-671 P.032/032 F-208

Page 2 of 3

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Data entry by : BATES, DIANA

Team : 3600

Date: 07/27/2001

\*\*\*\*\*

Received from <+3103336446> at 11/8/01 6:24:20 PM [Eastern Standard Time]